

# EUROPEAN PATENT OFFICE

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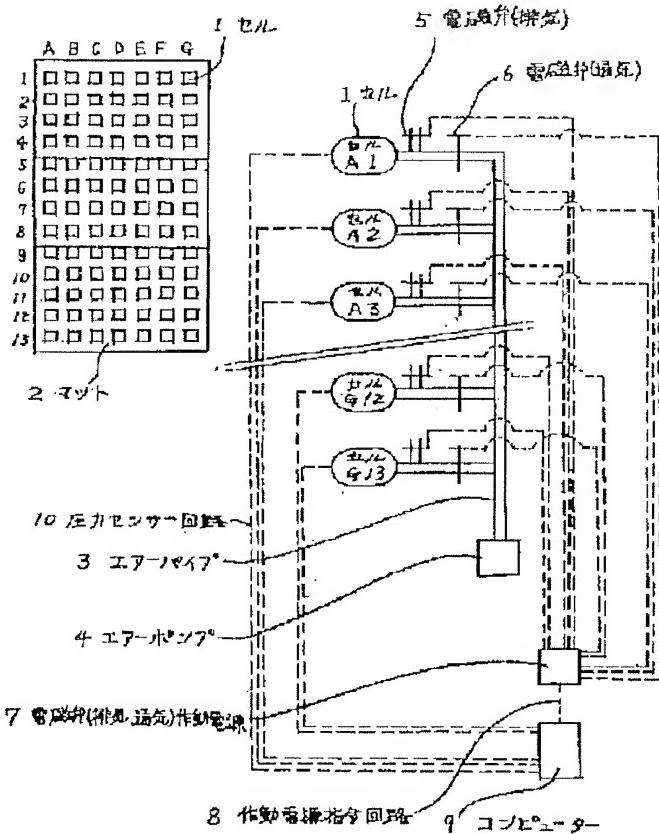
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TITLE : MAT FOR BEDSORE PREVENTION



**ABSTRACT :** PROBLEM TO BE SOLVED: To release the abutting of the body, to prevent bedsore, to eliminate unpleasant feelings or the like and to provide a sound sleep and a deep sleep by computer-controlling the abutting of the body of a patient regardless of a lying posture on a mat and exhausting and contracting individual independent air cells.

**SOLUTION:** This mat 2 in which the cells 1 are individually independently arranged for 7 pieces in 7 columns A-G horizontally and 13 pieces in rows 1-13 vertically for the total of 91 pieces or the plural pieces is formed. Or, the mat in which the cells are divided into the rows 1-4 for a head part, the rows 5-8 for a body part and the rows 9-13 for a leg part or appropriately divided into the head part, the body part and the leg part or the like is formed. As a means for expanding and contracting the cells, an air pump 4 is provided as an air pressure source and is individually connected to the cells by an air pipe 3, a solenoid valve 5 and the solenoid valve 6 are provided and a solenoid valve operation power source 7 for sending signals to them, an operation power source command circuit 8 for sending a command and a computer 9 for issuing the command are provided.

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